

s/n: 10/770,141
date: 7-7-05

3391 lens with waveguide	USPAT	7/7/05 17:07
2288 (lens with (primary or strong)) same (lens with (secondary or weak))	USPAT	7/7/05 17:07
13 1 and 2	USPAT	7/7/05 17:07
222 (lens adj2 (primary or strong)) same (lens adj2 (secondary or weak))	USPAT	7/7/05 17:09
4 4 and waveguide	USPAT	7/7/05 17:09
0 ("6816323").URPN.	USPAT	7/7/05 17:11
("20020136356" "5825792" "5857049" "5963686" "5963695" "6088492" "6164838" "6207950" "6227724" "6483969" "6490393"		
13 "6625357" "6663294").PN.	US-PGPUB; USPAT; USOCR	7/7/05 17:47
85 waveguide same steer\$4 same lens	US-PGPUB; USPAT; USOCR	7/7/05 17:47
6008 ((359/641,813,822,823) or (385/31-34,38)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	7/7/05 17:48
8 8 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	7/7/05 17:48
("20020176476" "5257279" "5825792" "5963686" "5963695" 7 "6207950" "6227724").PN.	US-PGPUB; USPAT; USOCR	7/7/05 18:11
429 (frequency adj doubling adj crystal)	US-PGPUB; USPAT; USOCR	7/7/05 19:29
2359 semiconductor adj optical adj amplifier	US-PGPUB; USPAT; USOCR	7/7/05 18:12
0 12 same 13	US-PGPUB; USPAT; USOCR	7/7/05 18:13
1 12 and 13	US-PGPUB; USPAT; USOCR	7/7/05 18:13
4 12 with waveguide with laser	US-PGPUB; USPAT; USOCR	7/7/05 18:59
8 lens adj movement adj assembly	US-PGPUB; USPAT; USOCR	7/7/05 19:00
0 ("6775316").URPN.	USPAT	7/7/05 19:00
("20020064192" "20030099273" "5841099" "5844149" "5930423" 10 "6186631" "6325553" "6347104" "6526089" "6542533").PN.	US-PGPUB; USPAT; USOCR	7/7/05 19:05
20 x\$2 with y\$2 with z\$2 with (axis or axes) with lens with mount	US-PGPUB; USPAT; USOCR	7/7/05 19:11
46 x\$2 with y\$2 with z\$2 with (axis or axes) same (lens with mount)	US-PGPUB; USPAT; USOCR	7/7/05 19:12
26 21 not 20	US-PGPUB; USPAT; USOCR	7/7/05 19:12
3453 (frequency adj doubling)	US-PGPUB; USPAT; USOCR	7/7/05 19:29
1 13 same 23	US-PGPUB; USPAT; USOCR	7/7/05 19:29

25 13 and 23	US-PGPUB; USPAT; USOCR	7/7/05 19:31
0 4 and 12	US-PGPUB; USPAT; USOCR	7/7/05 19:32
16 fiber with 12	US-PGPUB; USPAT; USOCR	7/7/05 19:40
89 (external adj cavity) with vcsel	US-PGPUB; USPAT; USOCR	7/7/05 19:40
5738 ((359/641,813,822,823) or (385/31-34,38)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	7/7/05 17:47
210 (lens adj2 (primary or strong)) same (lens adj2 (secondary or weak))	USPAT	7/7/05 17:09
1104 lens with coupl\$5 with waveguide	USPAT	7/7/05 17:07
2209 (lens with (primary or strong)) same (lens with (secondary or weak))	USPAT	7/7/05 17:07
0 ("2002/0033941").URPN.	USPAT	5/25/05 18:11
("4509827" "5859947" "6168319" "6205266" "6374012"		
6 "6480651").PN.	US-PGPUB; USPAT; USOCR	5/25/05 18:08
2 ("6374012").URPN.	USPAT	5/25/05 17:54
	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	
11 (weak adj2 lens) same (strong adj2 lens) same (fiber or waveguide)	IBM_TDB	5/25/05 17:53
	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	
8 (("5195155") or ("6222679") or ("6374012") or ("4886337")).PN.	IBM_TDB	5/25/05 17:53
	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	
71 weak same strong same (fiber or waveguide) same lens	IBM_TDB	5/25/05 17:49
720 (frequency with doubling with crystal)	USPAT	1/14/05 15:51
8 S24 with (pump adj2 laser)	USPAT	1/14/05 15:51
30 S14 same isolator	USPAT	1/14/05 15:15
12 S14 and S24	USPAT	1/14/05 15:02
0 S25 and isolator	USPAT	1/14/05 15:02
0 S22 and (doubling with crystal)	USPAT	1/14/05 15:01
0 S14 and S17	USPAT	1/14/05 10:12
86 lens with coupl\$5 with waveguide with collimat\$5 with focus\$5	USPAT	1/14/05 10:12
16 S20 and S19	USPAT	1/14/05 10:12
2 S14 and S15	USPAT	1/14/05 10:11
9 lens with coupl\$5 with waveguide with tilt\$5	USPAT	1/14/05 10:09
0 ("6754243").URPN.	USPAT	1/13/05 16:02
("20010017876" "20010021053" "20010036206" "20010046077"		
"20010050928" "4317611" "4498730" "5291502" "5378330"		
"5379310" "5379318" "5420416" "5468975" "5524076" "5550850"		
"5612968" "5771253" "5777763" "5798859" "5825792"		
"5828689" "5838714" "5870417" "5882468" "5930045" "5953359"		
"5978402" "5999303" "6075650" "6078394" "6091537"		
"6133615" "6141370" "6150667" "6154588" "6167075" "6191897"		
"6201629" "6212151" "6256328" "6272271" "6275315"		
43 "6411424").PN.	US-PGPUB; USPAT; USOCR	1/13/05 16:02
29 ("4707073").URPN.	USPAT	1/13/05 15:35

("20020031301" "20020034363" "4186999" "4475788" "4998795" "5140660" "5263103" "5293438" "5346583" "5555333" "5621831" 12 "6374012").PN.	US-PGPUB; USPAT; USOCR	1/13/05 15:20
26 ("4475788").URPN.	USPAT	1/13/05 15:20
1 ("6374012").URPN.	USPAT	1/13/05 15:18
374 weak with strong with lens	US-PGPUB; USPAT;	
	IBM_TDB	1/13/05 14:23
4 S4 and S5	US-PGPUB; USPAT;	
	IBM_TDB	1/13/05 14:23
3 S1 and (lens same coupl\$5)	US-PGPUB; USPAT;	
	IBM_TDB	1/13/05 14:22
5738 ((359/641,813,822,823) or (385/31-34,38)).CCLS.	US-PGPUB; USPAT; USOCR;	
	IBM_TDB	1/13/05 14:22
14 S1 and lens	US-PGPUB; USPAT;	
KOULIKOV-SERGUEI\$9.in. or VACCA-GIACOMO\$9.in. or	IBM_TDB	1/13/05 13:49
KACHANOV-ALEXANDER\$9.in. or RICHMAN-BRUCE\$9.in. or		
KHARLAMOV-BORIS\$9.in. or KNIPPELS-GUIDO\$9.in. or RELLA-	US-PGPUB; USPAT;	
51 CHRISTOPHER\$9.in. or PHAM-HOA\$9.in.	IBM_TDB	1/13/05 13:48